OpenLMIS COVID edition to support supply chains during COVID

Wes Brown (OpenLMIS Community)













OpenLMIS COVID Edition

Supporting Supply Chains in a Pandemic











Shaping a resilient and adaptive immunization program



Presenter



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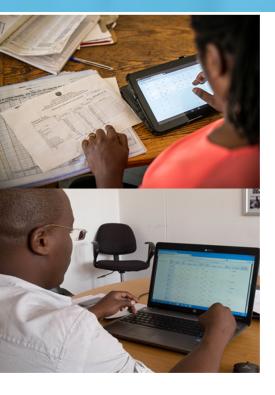




MISSION

Collaboratively develop shared, open source software to improve health commodity distribution in low- and middle-income countries.

What is OpenLMIS?



Open**LMIS**



Open source LMIS designed for LMICs. Core software certified by global actors, highly configurable



HCWs can easily track, order and report stock; saves time and no manual calculations



Proven to reduce stockouts and increase reporting of stock data











Robust Partner Network

DONORS & THOUGHT PARTNERS

Historically, these partners have provided both funding and strategic guidance.







Gavi 🚷



IMPLEMENTING PARTNERS

These partners customize and deploy OpenLMIS in country health systems, provide training and other professional services for users, and jointly bid for new country implementations.











TECHNOLOGY PARTNERS

These partners provide technology development and bug fixes.













System Features

Requisitions:



Use stock data to generate orders

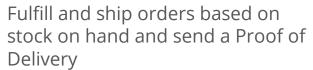


Analytics and Reporting:

Use and display data with intuitive visualization that supports decision making



Order Fulfillment:





Mobile Integration:

Connect dispensing and supply information at the point of care through an integration with OpenSRP



Stock/Inventory Management:

Capture inventory data and stock movements to provide an overview of stock availability

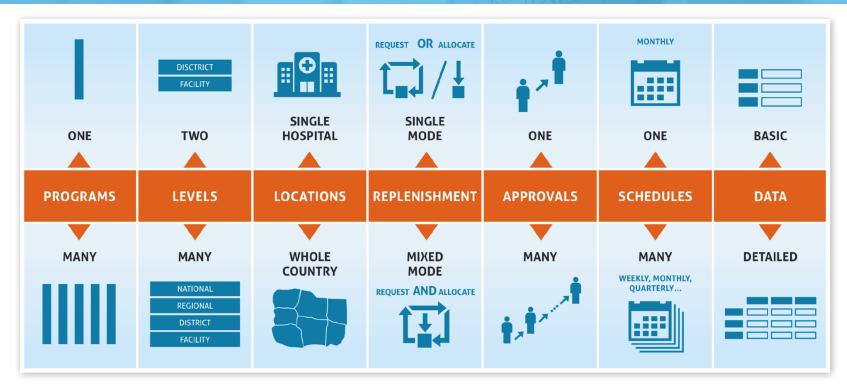


Equipment:

Track equipment inventory, functional status; real-time alerts on CCE device temperature

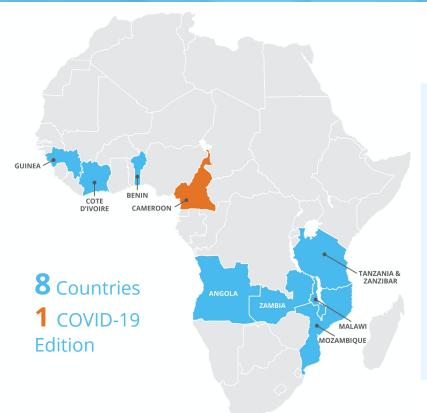


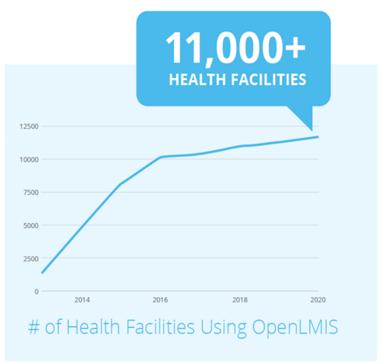
Highly Configurable to Country Context



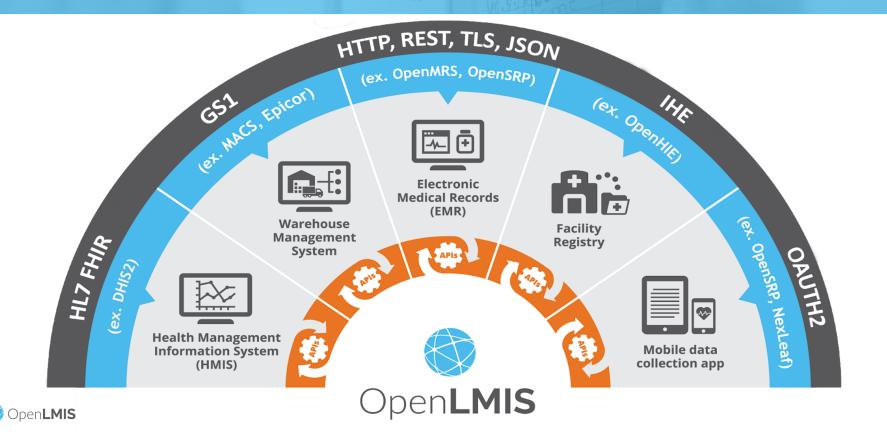


Geographic Reach





Stronger Together: Interoperability



Summary of Benefits of OpenLMIS



End User

- Time saving!
- Quick stock calculations
- Easy, accurate reporting
- Simple admin
- Data validation
- Offline functionality



System

- Stock management
- Data dashboards
- Interoperability with DHIS2 & other systems
- Vaccine module
- CCE tracking



Big Picture

- Future code enhancement
- Community tools& support
- Certified system by Gavi & GF

OpenLMIS COVID Edition

- OpenLMIS has been configured to enable COVID-19 supply chains and can facilitate inventory management and the replenishment of COVID-19 commodities at health facilities, district/provincial warehouses, and central medical stores
- This streamlined system requires minimal training and, therefore, can be quickly deployed.
- The software is offered as a SaaS solution, free of charge, and with no operating costs.
- Collaborative effort between VillageReach and CHAI







Supporting the COVID-19 Supply Chain

Inventory Management

Track orders, receipts, and quantities of products; receive proof of delivery of COVID-19 products

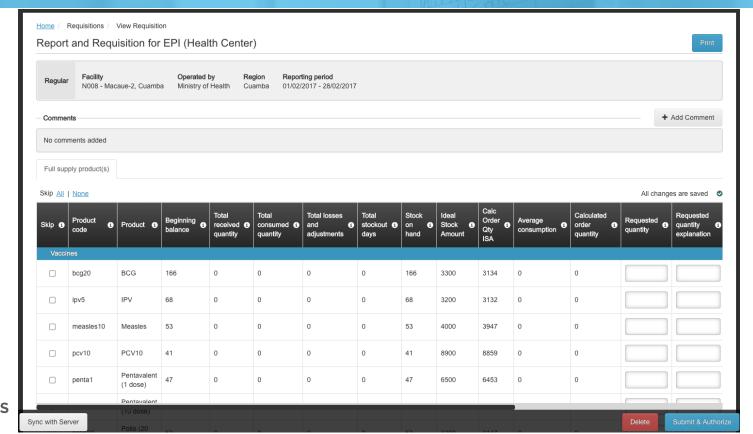
Equipment Tracking

Ventilator and other equipment location, operational status monitoring and reporting

Data Visualization

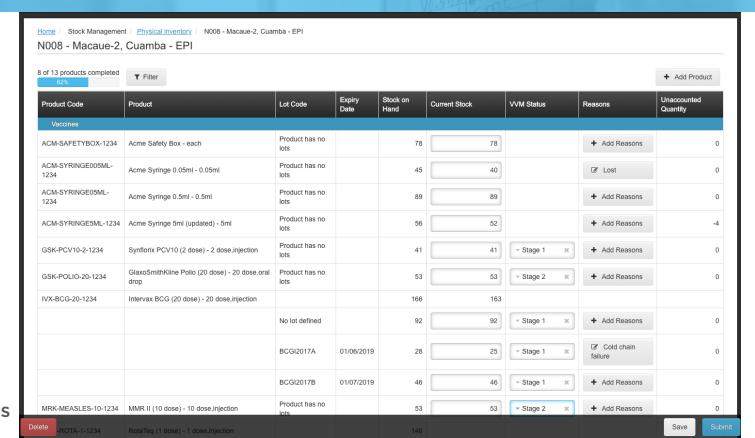
Informs decision
making and completes
routine reports using
custom data
dashboards

Screenshot - Requisition





Screenshot – Stock Management





Standard Reporting Dashboards





Data Visualizations

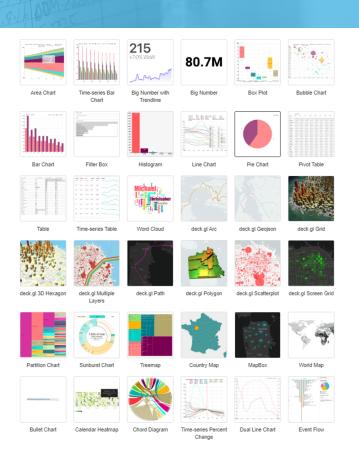
Create custom dashboards based on program priorities

Built-in reports include:

- Stockouts
- Stock Status (overstocked, understocked)
- Consumption
- Orders
- Reporting rates/timeliness

Filter by program, geographic region, date, facility

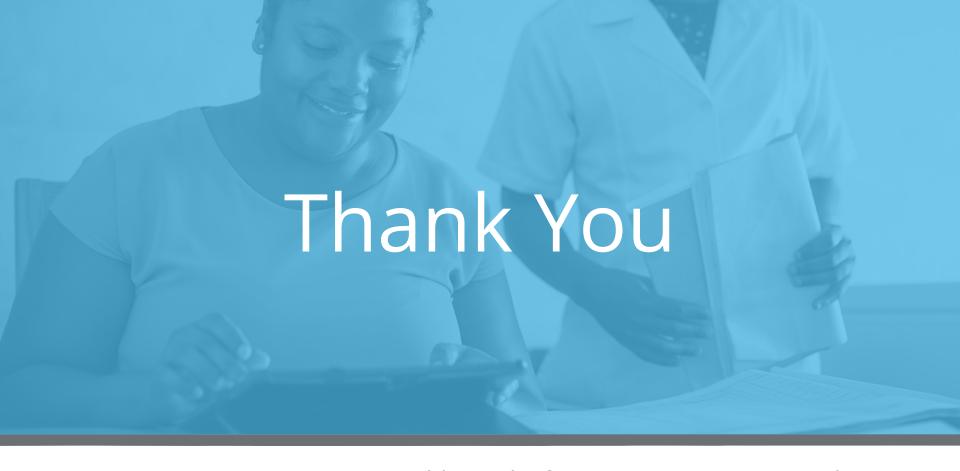




OpenLMIS COVID Edition - Lessons Learned

- Getting consensus on the product catalog is vitally important
- Even if the technology is ready, the country may not be
- Work with a local partner whenever possible
- When a vaccine is available, tracking the allocation and usage will be critical; as will monitoring cold chain equipment







For additional information, visit us at <u>openlmis.org</u> or email at <u>info@openlmis.org</u>